

ER-2 - AFRC #809 01/18/20

Aircraft: [ER-2 - AFRC #809](#) ([See full schedule](#))

Flight Number: 20-9033

Payload Configuration: EXRAD, AMPR, LIP, HIWRAP, CRS, CPL, COSMIR, MVIS (Camera and Computer)

Nav Data Collected: Yes

Total Flight Time: 3.8 hours

Comments: Takeoff time was 1215L and landed at 1606L. This was the first science flight from Hunter Army Airfield in Savannah, GA for the IMPACTS campaign. There were no instrument issues, and pilot performed roll calibration maneuver for radar instruments on return to Hunter (2013Z-2014Z). Pilot reported clouds through the flight and occasional turbulence. Pilot also reported aircraft issue enroute to weather target and had to RTB. Tim Williams was the pilot.

Submitted by: Fran Becker on 01/18/20

Flight Segments:

From:	SVN	To:	SVN
Start:	01/18/20 17:15 Z	Finish:	01/18/20 21:05 Z
Flight Time:	3.8 hours		
Log Number:	202004	PI:	Gerald Heymsfield
Funding Source:	Barry Lefer - NASA - SMD - ESD Earth Venture Suborbital-3 Program		
Purpose of Flight:	Science		
Miles Flown:	1444 miles		

Flight Hour Summary:

	202004
Flight Hours Approved in SOFRS	100
Total Used	62.6
Total Remaining	37.4

202004 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
12/16/19	20-9025	Check	2.9	2.9	97.1	969
01/15/20	20-9032	Science	5.1	8	92	1940
01/18/20	20-9033	Science	3.8	11.8	88.2	1444
01/25/20 - 01/26/20	20-9034	Science	7.6	19.4	80.6	2888
02/01/20	20-9035	Science	6	25.4	74.6	2280
02/05/20 - 02/06/20	20-9036	Science	6.6	32	68	2508
02/07/20	20-9037	Science	6.8	38.8	61.2	2584
02/23/20	20-9038	Science	2.6	41.4	58.6	779
02/25/20	20-9040	Science	7.8	49.2	50.8	1610
02/27/20	20-9041	Science	8	57.2	42.8	1980
03/02/20	20-9042	Ferry	5.4	62.6	37.4	1996

Flight Reports began being entered into this system as of 2012 flights. If there were flights flown under an earlier log number the flight reports are not available online.

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